

ROAD COMMISSION FOR OAKLAND COUNTY

SPECIAL PROVISION
FOR
TRAFFIC MONITORING CAMERA – SYSTEM INTEGRATION SUPPORT

RCOC/TOC

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RCOC20SP820VVV

ORG:08-08-24

REV: 07-26-25

a. Description

The contractor shall provide system integration support for the Traffic Monitoring Camera (CCTV) to the Road Commission for Oakland County (RCOC).

The contractor shall integrate the CCTV camera.

This work shall be done in accordance with sections 818, 819, 820, 918, and 921 of the Standard Specifications for Construction, except as herein provided.

b. Materials

All work must be in accordance with the contract documents.

1. Acceptance

System Integration Support shall be accepted when all of the following are completed:

- The connection is made to the RCOC TOC building
- The camera is fully functional and being operated by the RCOC Operations Engineer via the camera website and IP addresses.
- The camera is viewable at the RCOC TOC building
- Programmed with the RCOC standard setup as stated within this special provision and as directed by the Engineer.

2. Do NOT add CCTV devices to the RCOC Advanced Traffic Management System (Genetec Inc. Security Desk)

c. Construction

The contractor shall follow the installation and configuration guidelines from the camera manufacturer. Construction shall also include any and all additional work necessary to make the CCTV system operational.

1. Set firmware parameters.
 - A. Internet Protocol (IP) addresses and configuration parameters will be provided by RCOC. Provide the Engineer 14 calendar days for specific requests (maximum 50 IP's per request). Include the intersection and RCOC intersection number with the request on an Excel spreadsheet.
2. Provide CCTV configuration setup and setup waypoints, tours, presets, on-screen labels, identifiers, RCOC logos, maps, overlays, etc.
 - A. Setup shall be consistent with RCOC CCTV standards on other existing cameras.
 - B. Setup shall include IP address programming.
 - C. RCOC will provide typical setup guidelines.
 - D. Verify device accessibility and communication with the TOC (device can be pinged, accessible via web browser, and manufacturer GUI).
 - E. Shall be fully functional at the RCOC TOC building.
3. Verify CCTV devices for monitoring and control via the IP address. Verify communications for the CCTV are routed to a point on the RCOC network that is accessible to the software to the RCOC TOC building.
4. Submittals / Working Drawings
 - A. Submit a plan for system integration and schedule.
 - B. Submit detailed step-by-step integration procedures for each intersection and TOC integration. Typical site integrations can be grouped in one integration procedure by approval of the Engineer.
 - C. Provide a sample site programmed – screenshot based on RCOC CCTV standards
 - D. Provide a sample site programmed – with live action based on RCOC CCTV standards
5. Provide field setup and troubleshooting support to the contractor and RCOC.

6. Testing

- A. Contractor to test the integration of the CCTV and all requirements of this special provision.

d. Measurement and Payment

The completed work, as described, will be measured and paid for at the contract unit price using the following pay item(s):

| Pay Item | Pay Unit |
|---|-----------------|
| Camera, Traf Monitoring, System Integration Support, RCOC | Each |

Camera, Traf Monitoring, System Integration Support, RCOC (Each) includes all system integration support to provide a complete and operating job as specified herein. Pay item applies to a single camera. Verify activation and operation with the Engineer.